

ABSTRACT

Electrical resistances to carry out heating
of air necessary for the combustion process of an engine,
5 each of said resistance being in continuous tape form,
with a pronounced coiled trajectory so that the resistance
is distributed uniformly in an orifice for the passage of
air established in a support and has its larger faces
located in imaginary planes parallel to the axis of said
10 orifice so that the electrical resistance presents its
front rim to the passage of the air with a minimum loss of
head, while presenting a wide contact surface to the air.
The resistance is fastened to the support in arched
recesses defined in diametrically opposed areas of said
15 support, with the interposition of respective ceramic
insulators being connected to ground by one of its ends
and by its other end to the electricity supply cable.